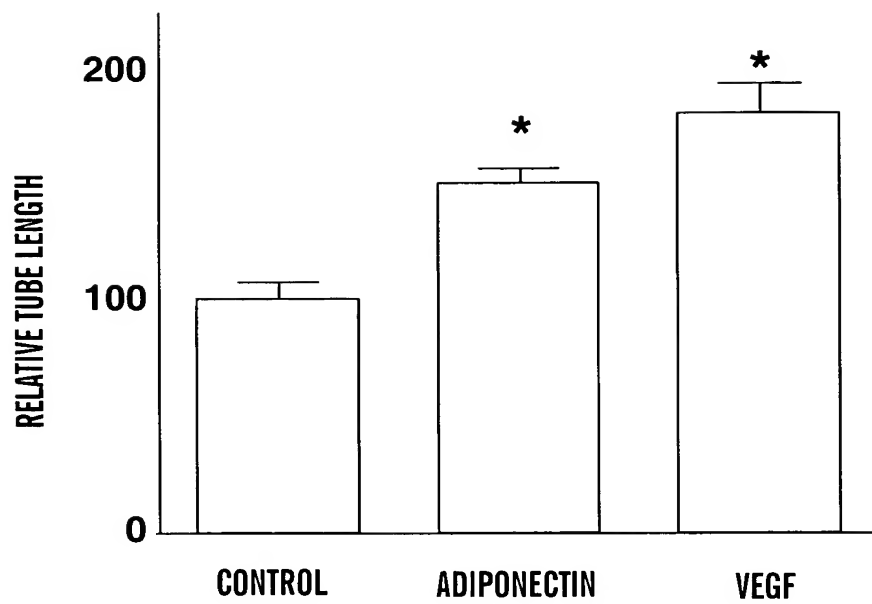
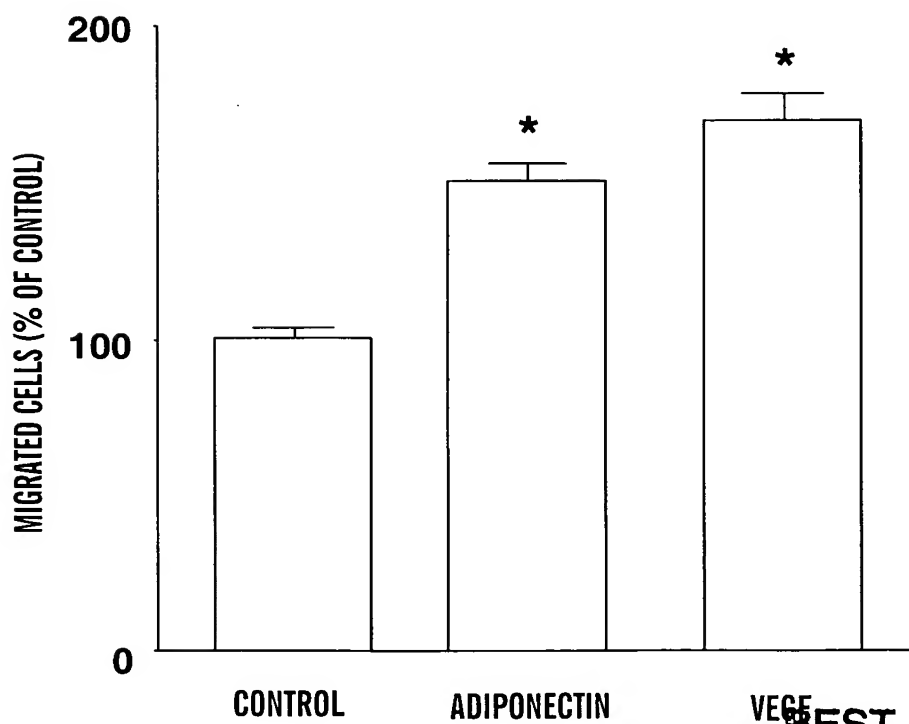
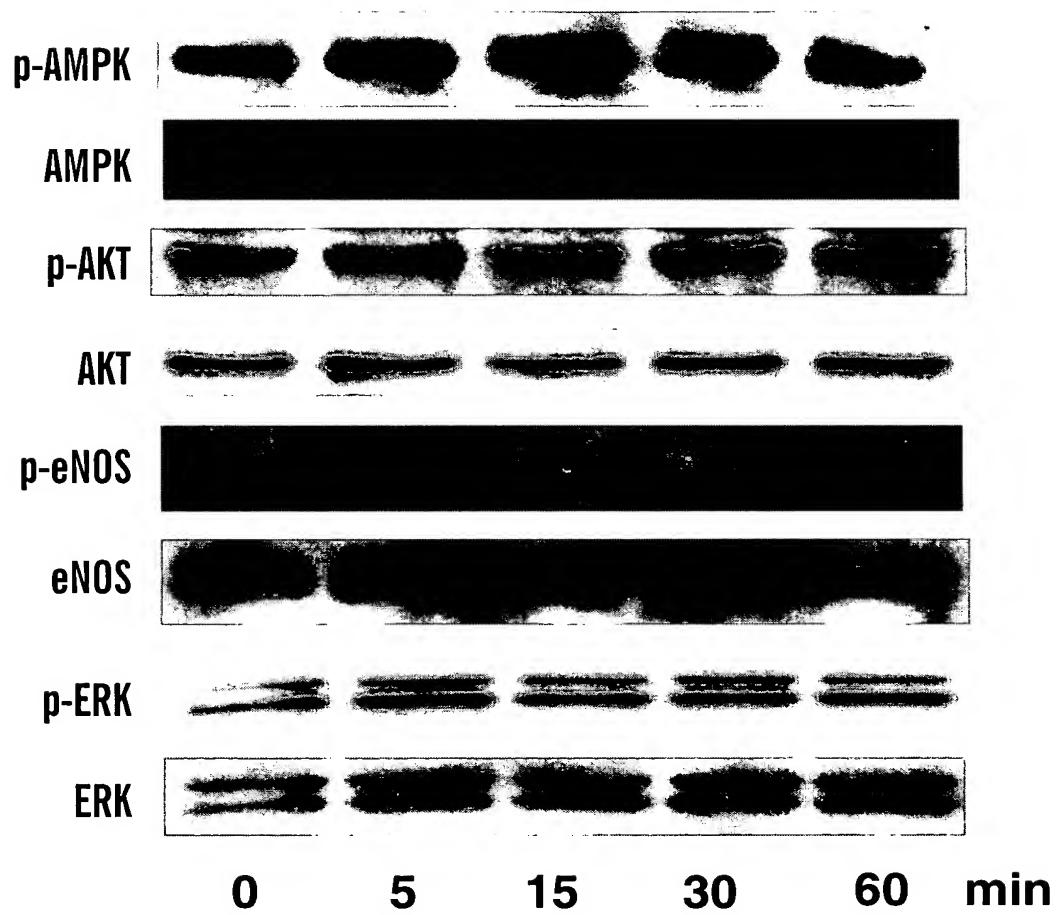


CONTROL

ADIPONECTIN

VEGF

FIG. 1A**FIG. 1B****FIG. 1C**

**FIG. 2A**

3/23

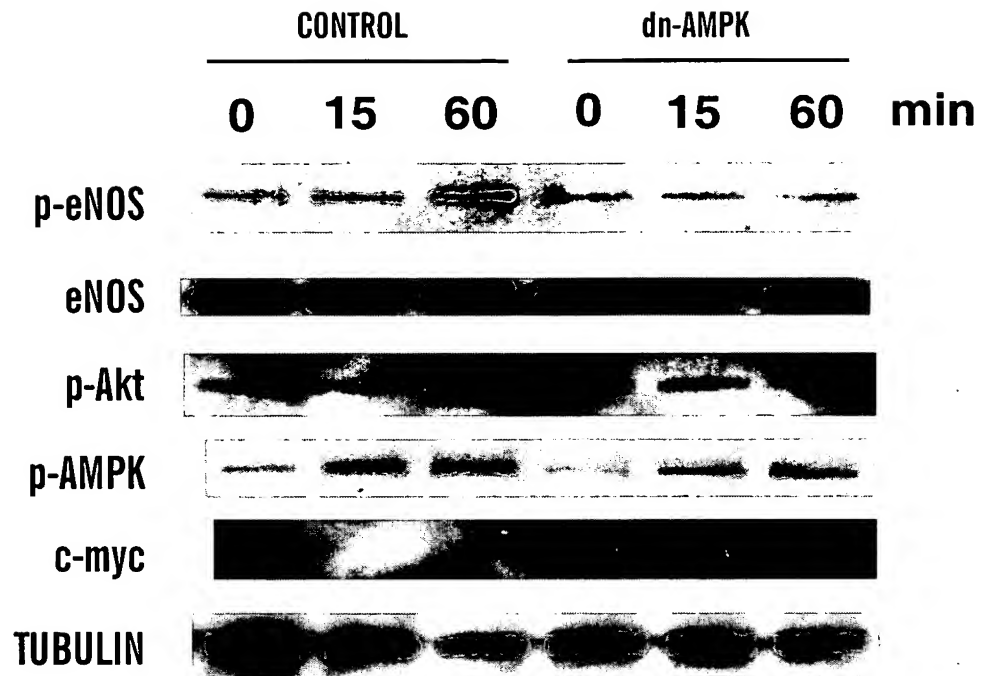


FIG. 2B

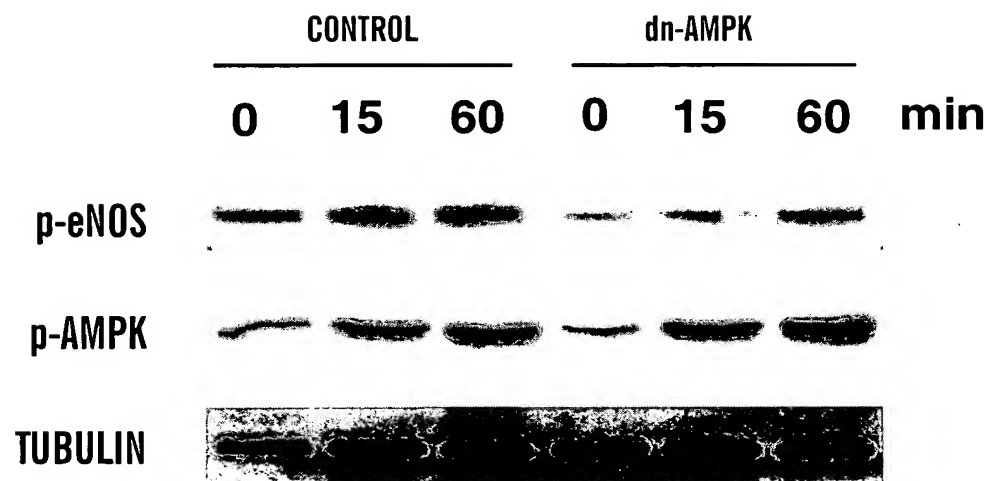
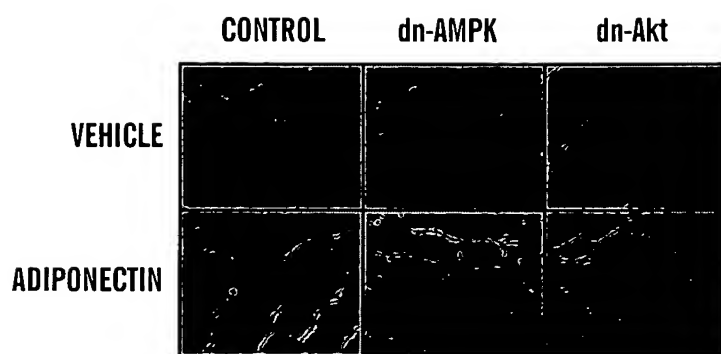
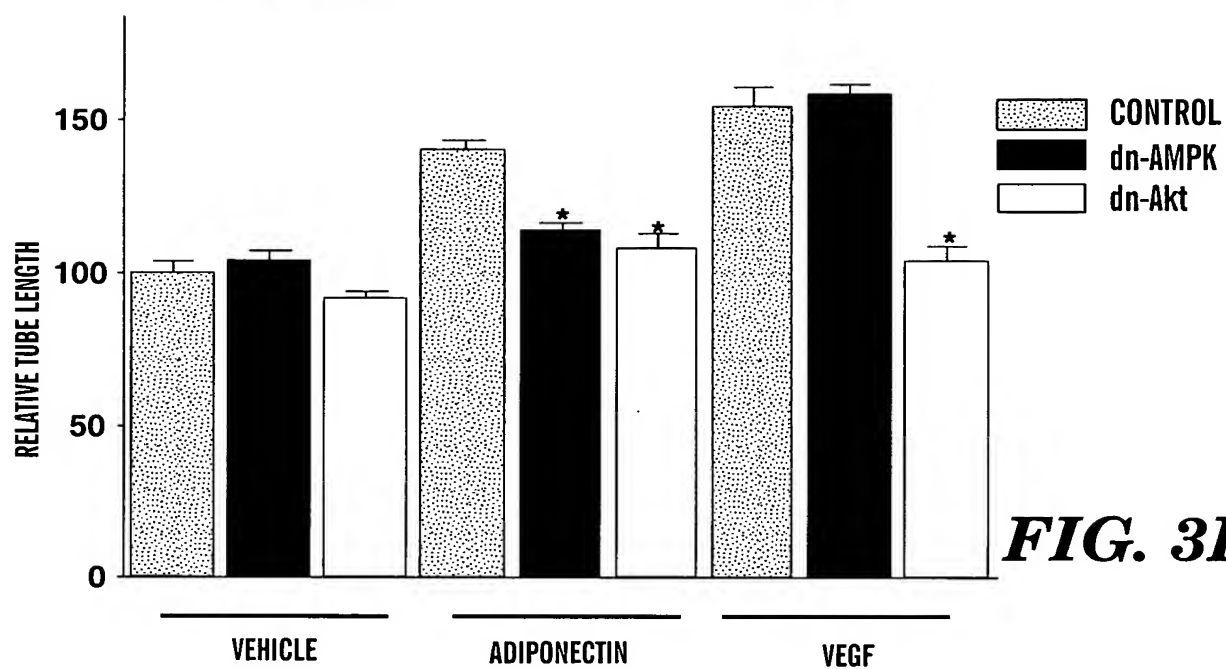
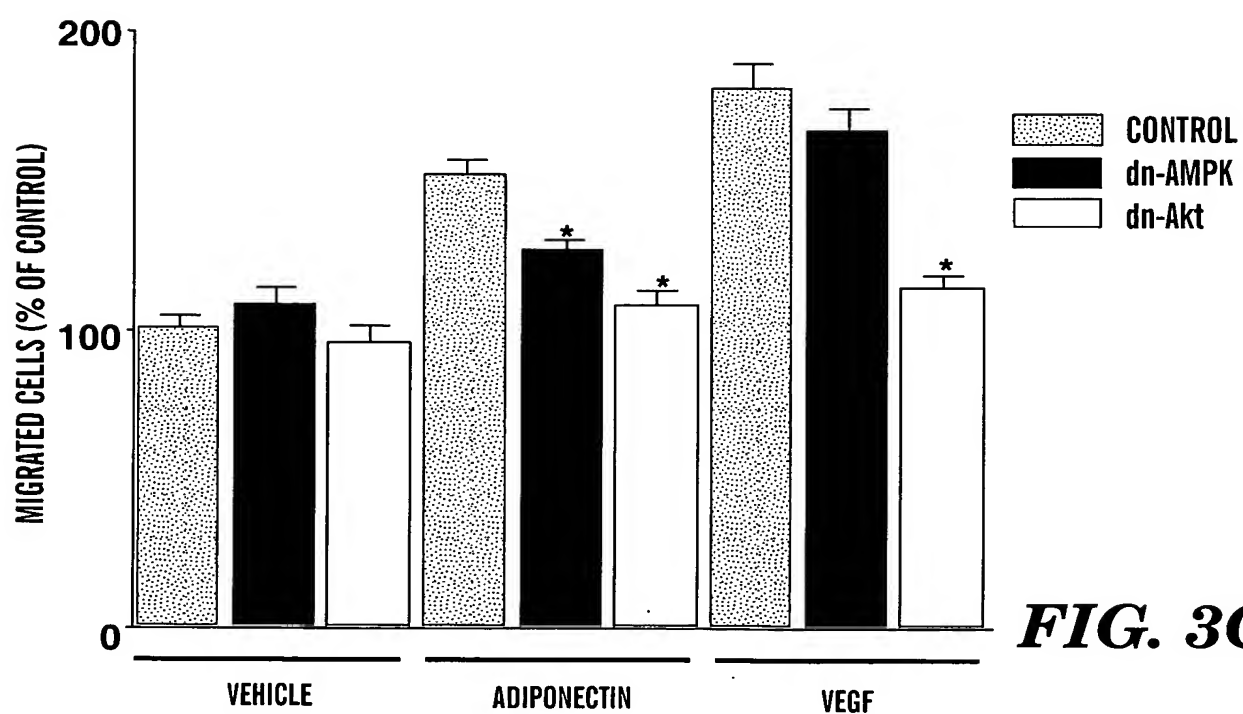


FIG. 2C

**FIG. 3A****FIG. 3B****FIG. 3C**

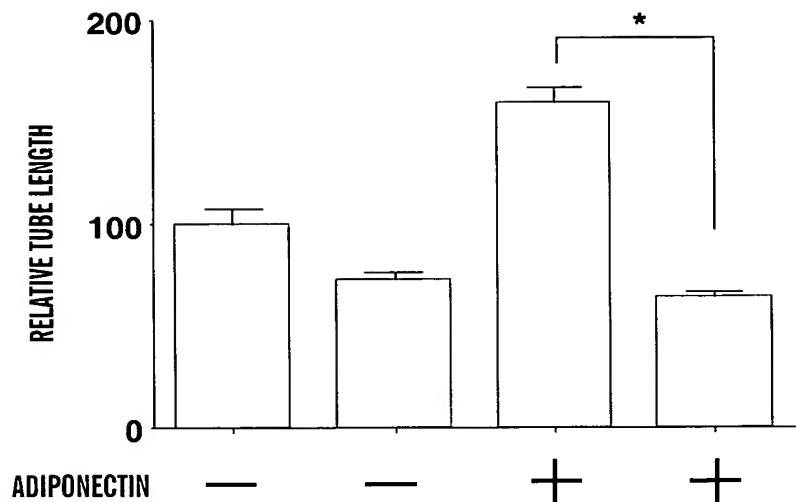


FIG. 4A

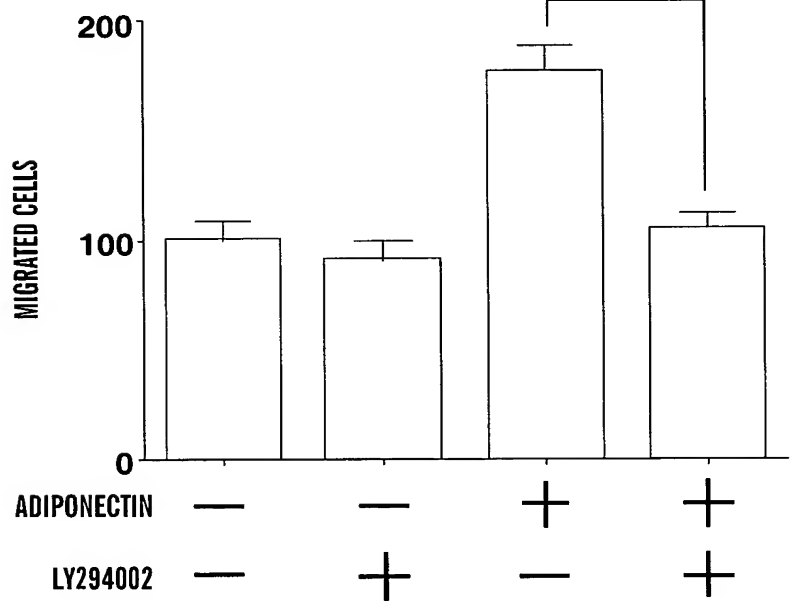


FIG. 4B

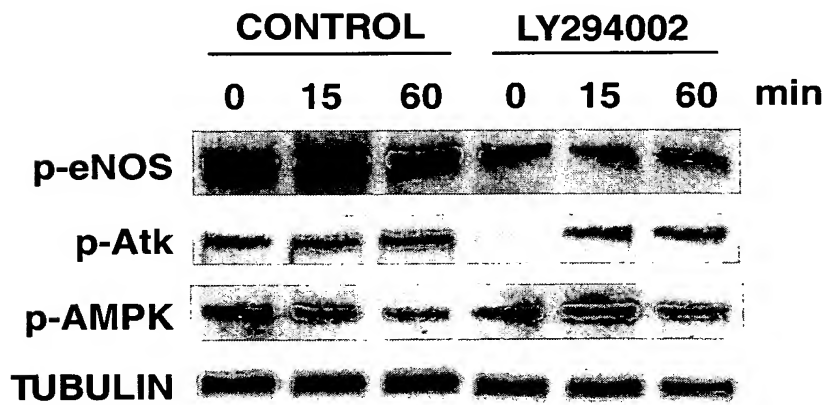
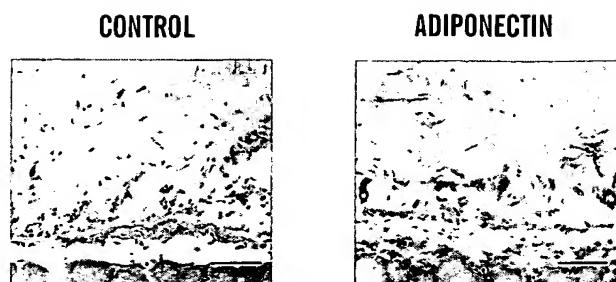
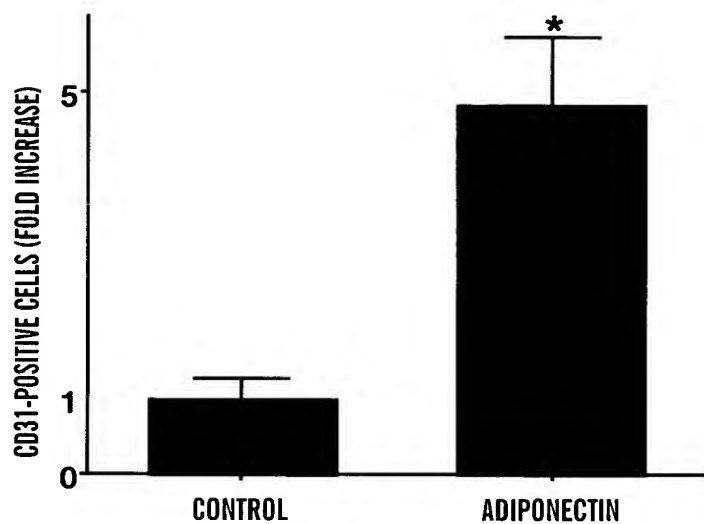
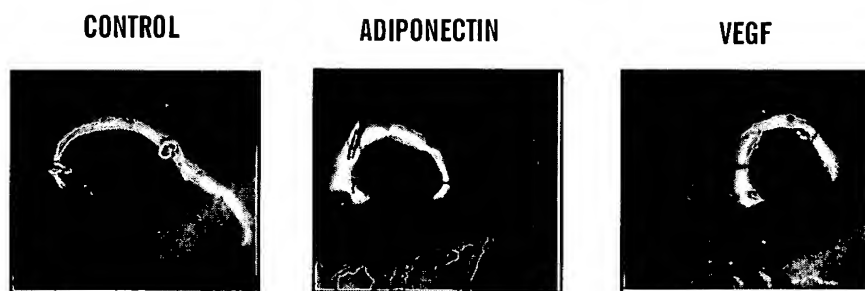
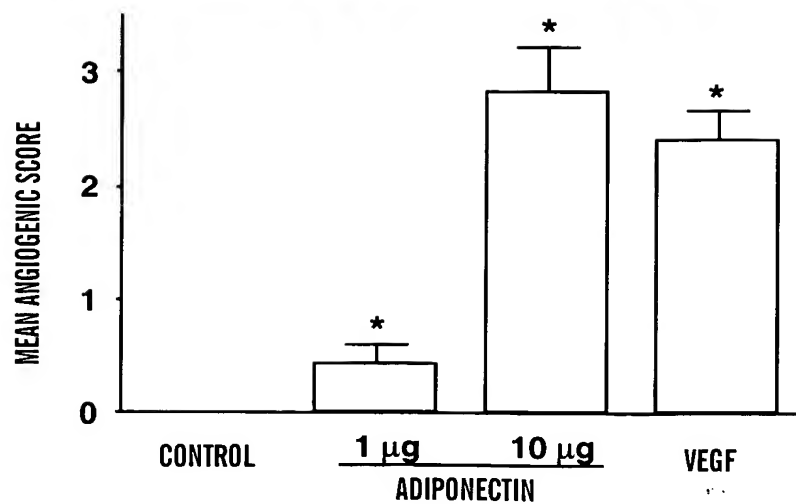


FIG. 4C

**FIG. 5A****FIG. 5B****FIG. 5C****FIG. 5D**

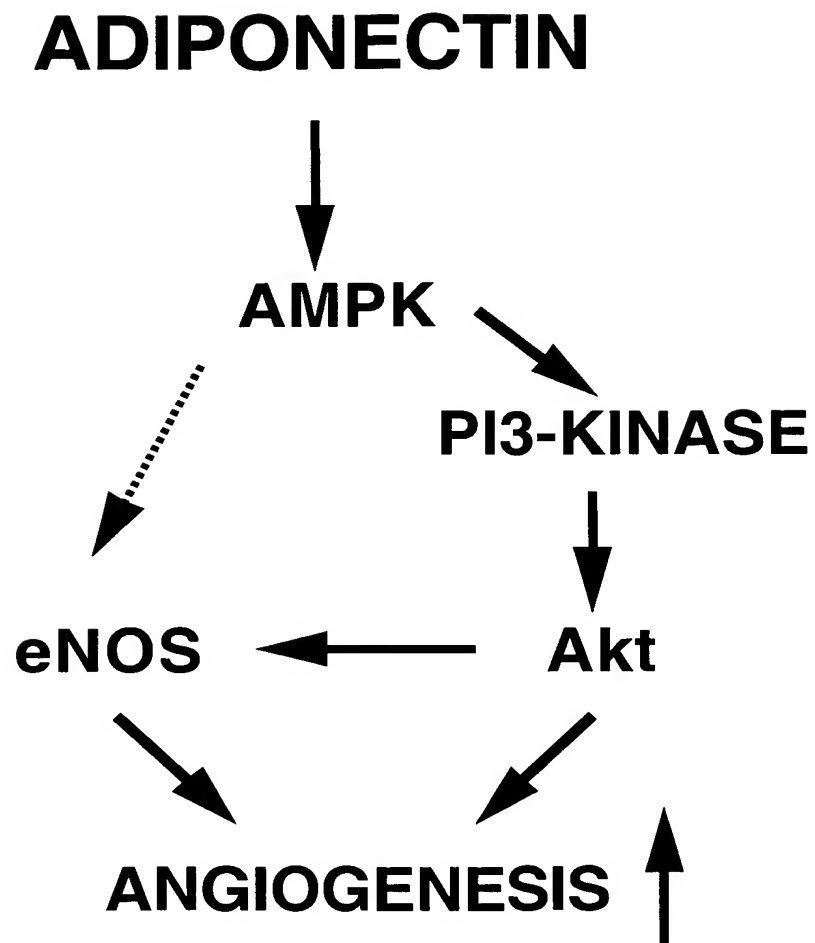


FIG. 6

Figure 7. Body weight, hemodynamic and echocardiographic measurements in WT and APN-KO mice at 7 days post-surgery.

(n=5)	BW	HR	SBP	LVEDD	LVED	IVS	LVPW	FS	LVPW/LVEDD
	(g)	(bpm)	(mmHg)	(mm)	(mm)	(mm)	(mm)	(%)	
WT-sham	25.2±2.1	537±83	111±8	2.84±0.16	1.22±0.13	0.74±0.05	0.76±0.05	56.8±2.94	0.27±0.03
WT-TAC	25.6±1.9	562±68	195±5 ^c	3.20±0.29 ^A	1.65±0.35 ^A	1.02±0.08 ^A	1.06±0.05 ^A	48.3±8.11 ^A	0.34±0.04 ^A
APN KO-sham	25.3±1.6	551±43	116±3	2.92±0.08	1.26±0.15	0.72±0.08	0.74±0.05	56.9±7.43	0.25±0.02
APN KO-TAC	26.3±1.4	562±61	196±20 ^c	1.80±0.23 ^B	0.62±0.13 ^B	1.38±0.16 ^B	1.42±0.11 ^B	65.2±3.29 ^B	0.79±0.09 ^B

^AP<0.05 vs. WT-sham, ^BP<0.05 vs. WT-TAC, ^CP<0.01 vs. WT-sham

FIG. 7

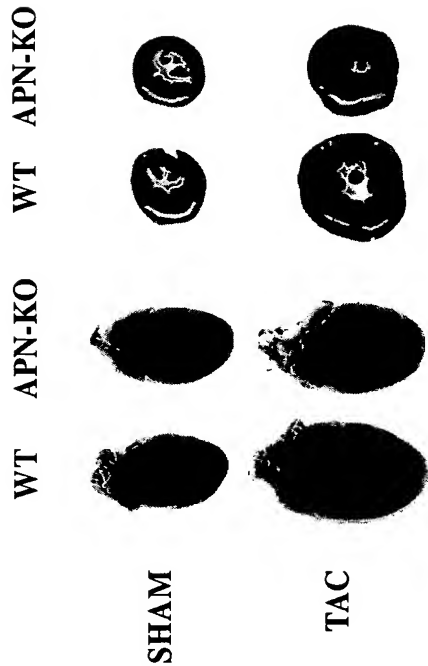


FIG. 8A

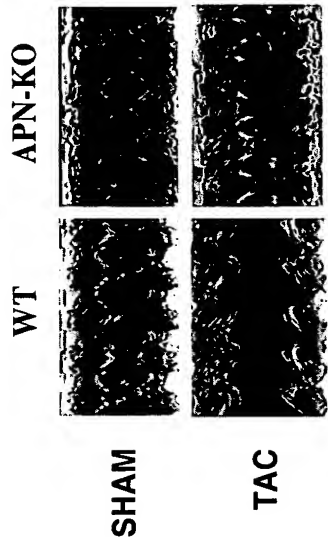


FIG. 8B

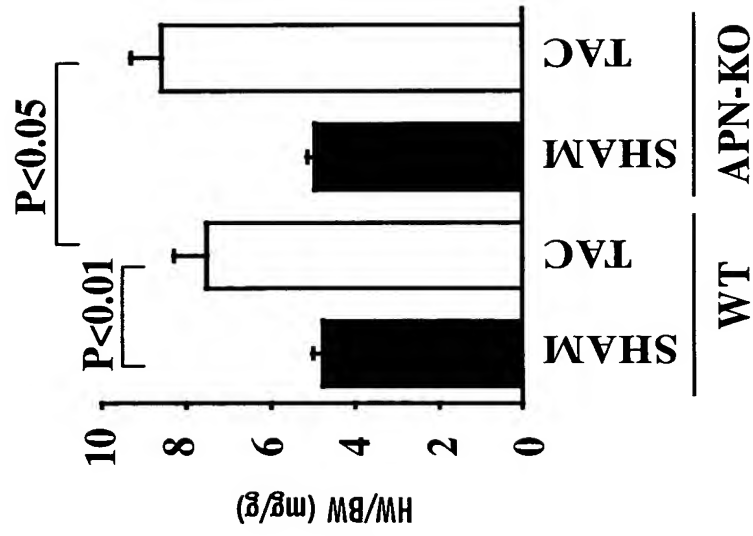


FIG. 8C

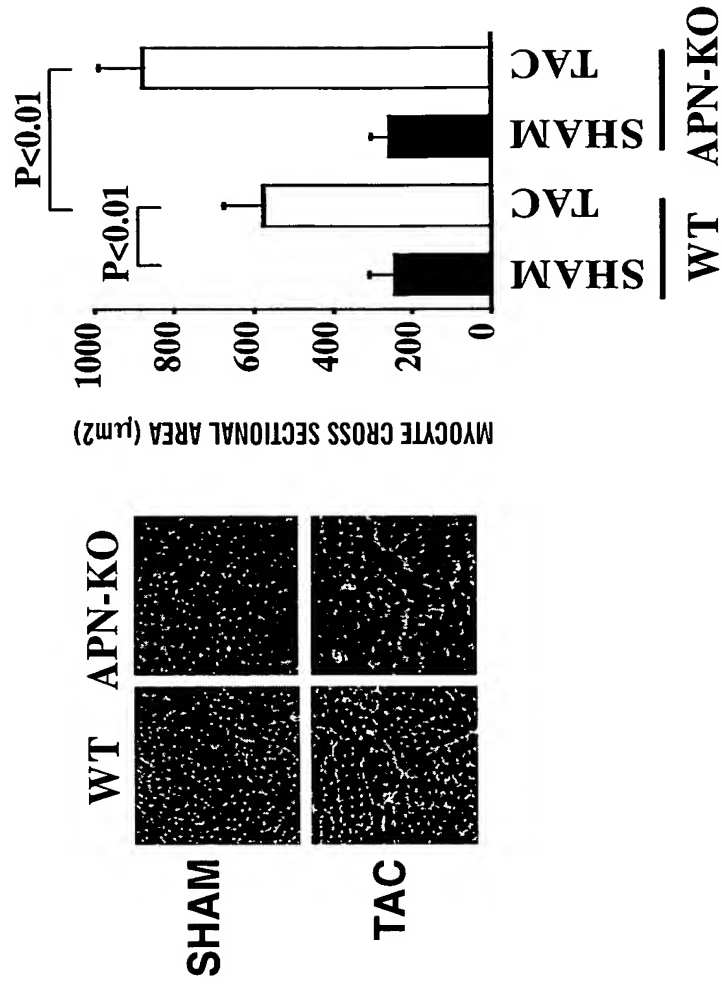


FIG. 8D

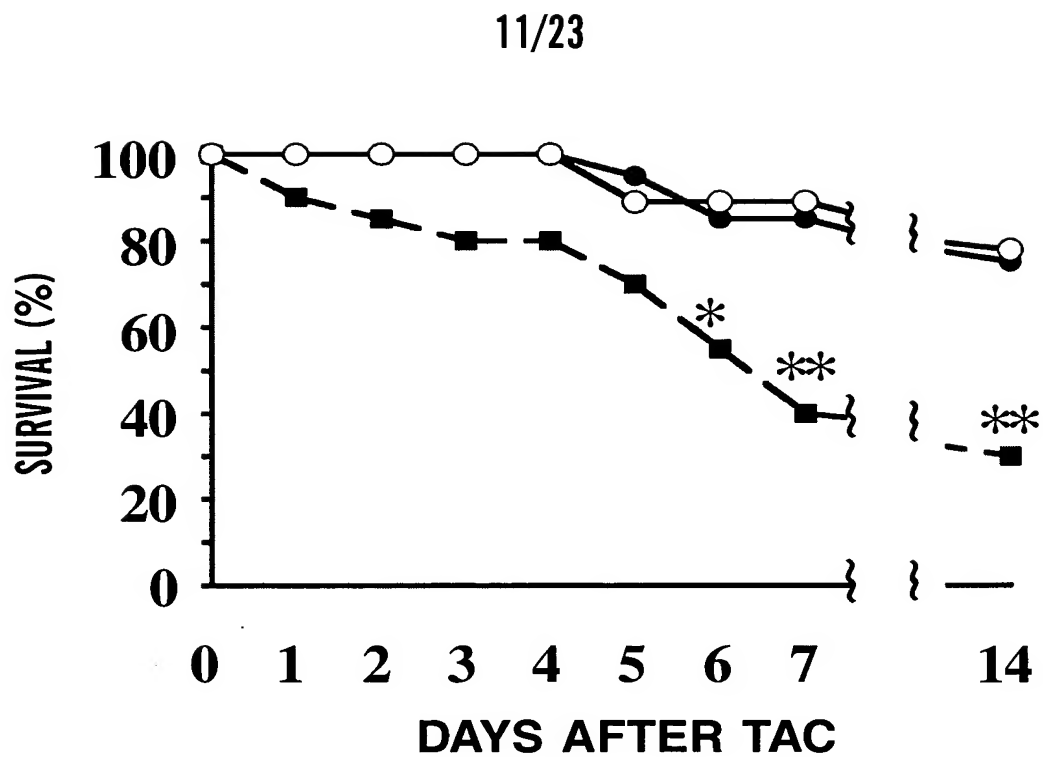


FIG. 8E

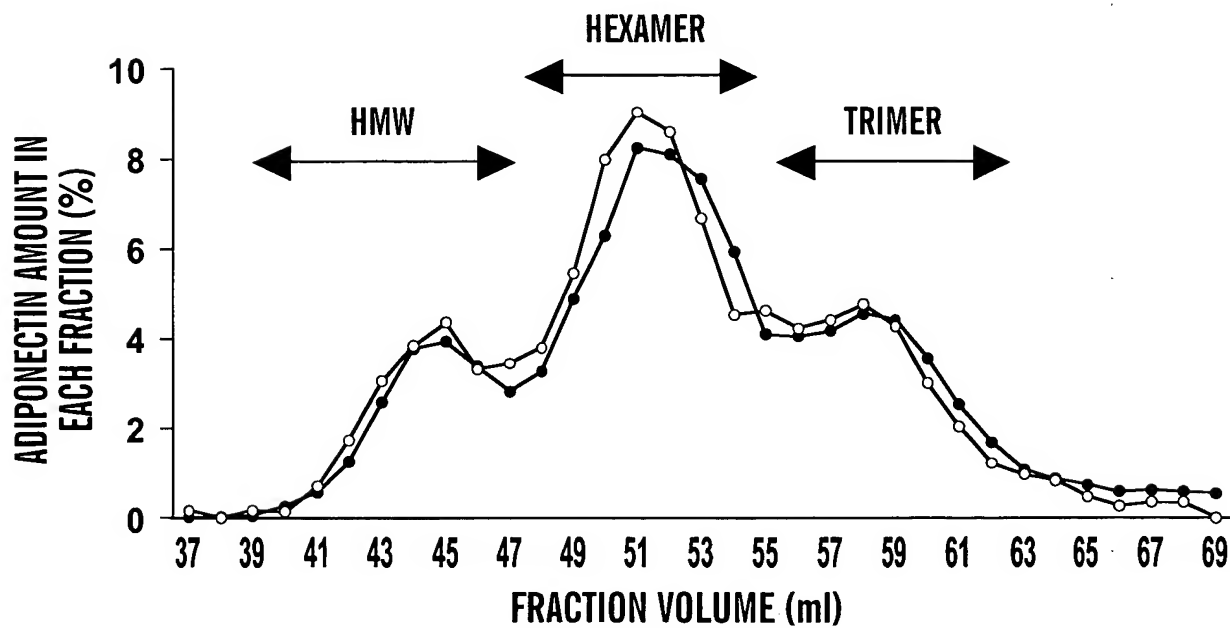
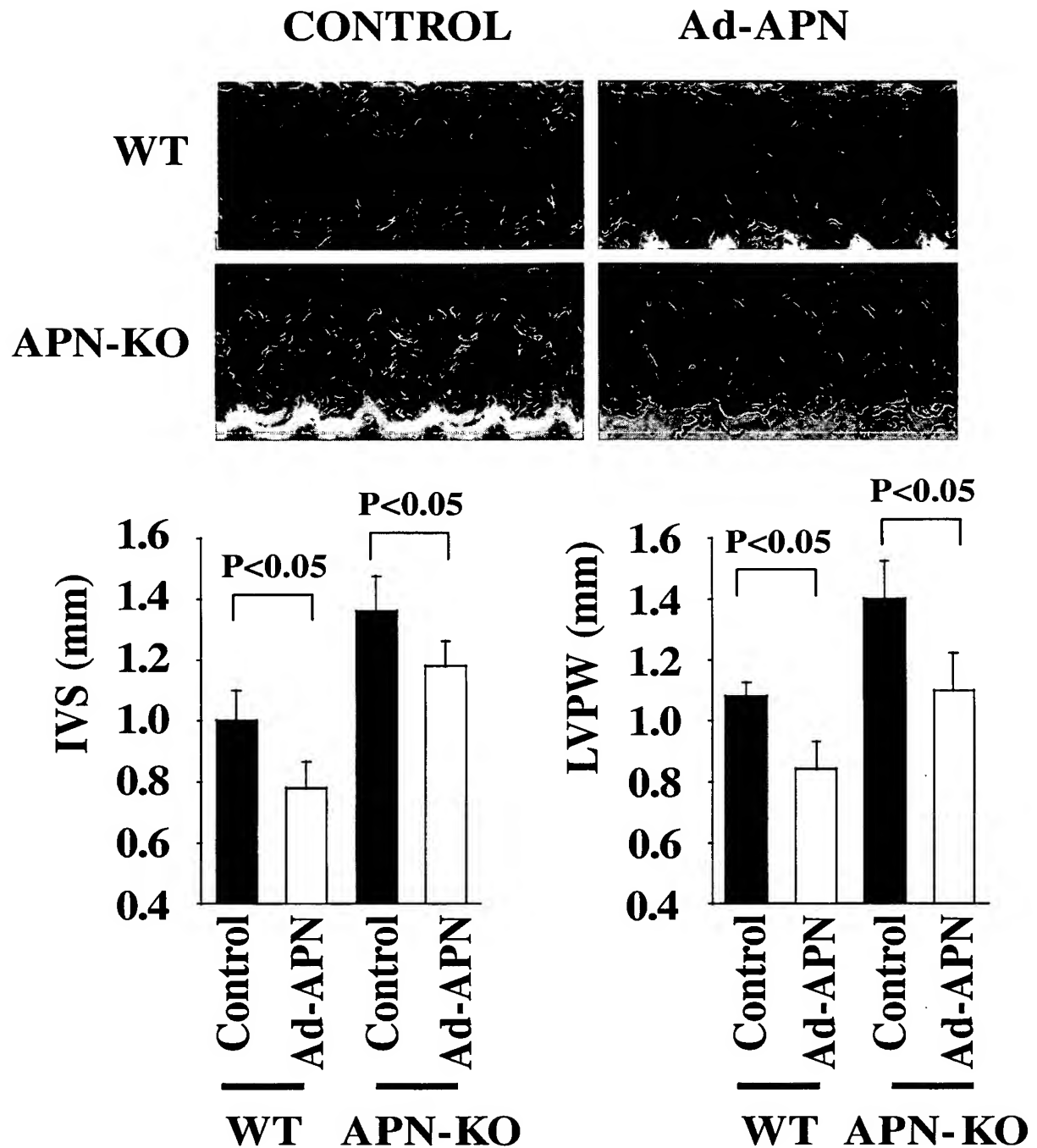
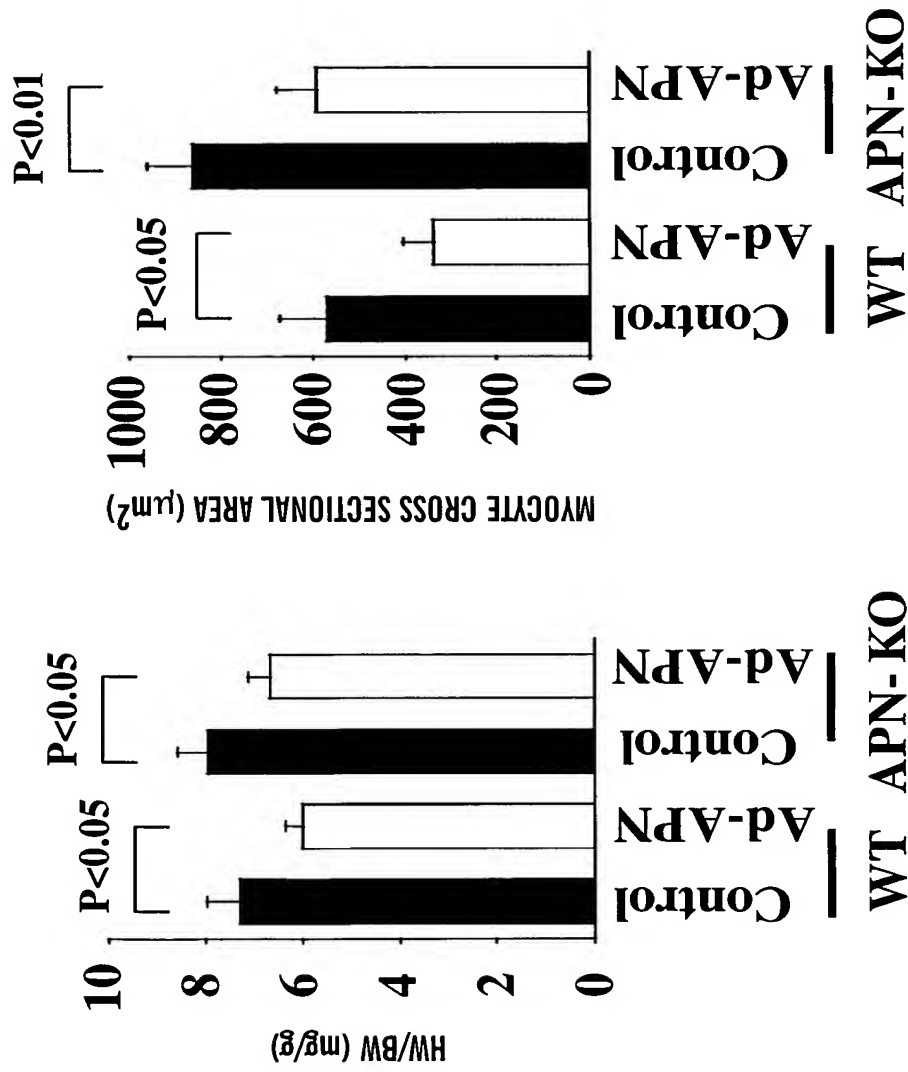


FIG. 8F

**FIG. 8G**

**FIG. 8H**

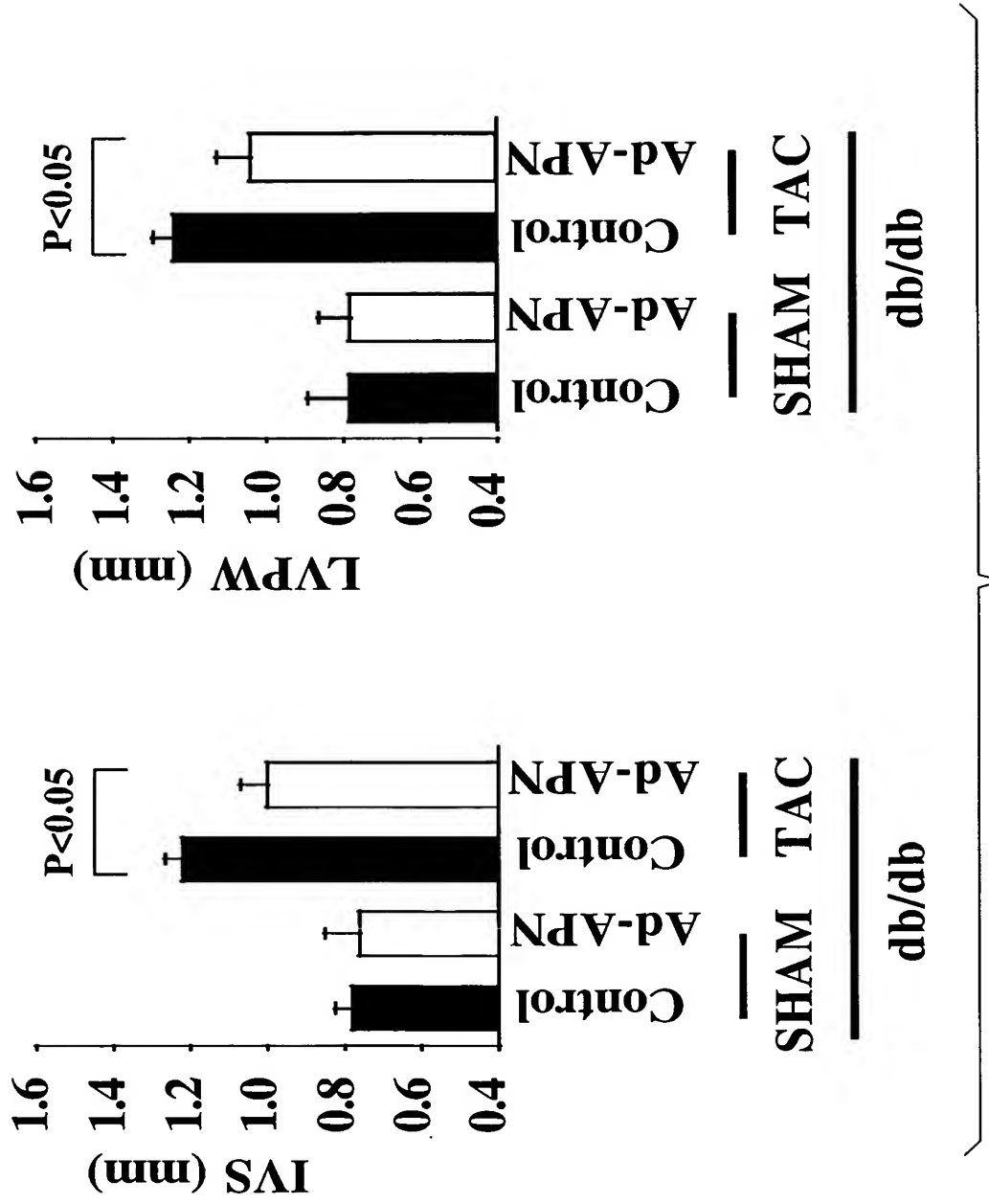


FIG. 8I

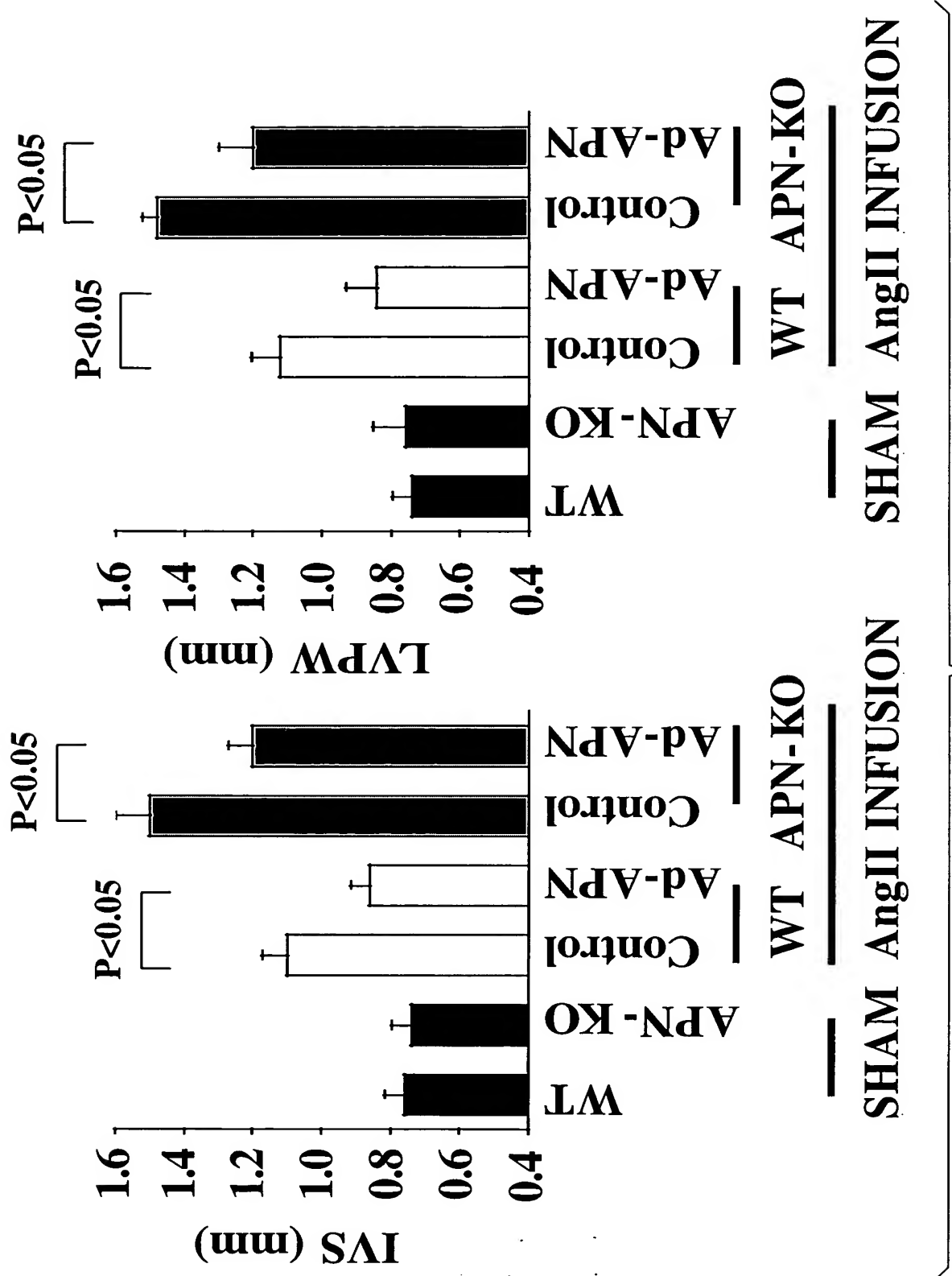


FIG. 8J

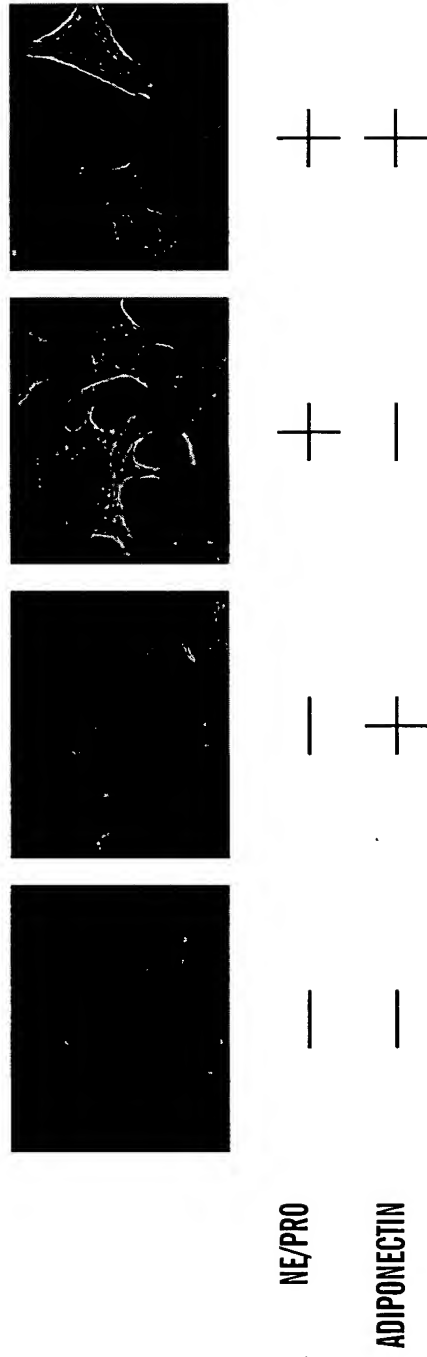


FIG. 9A

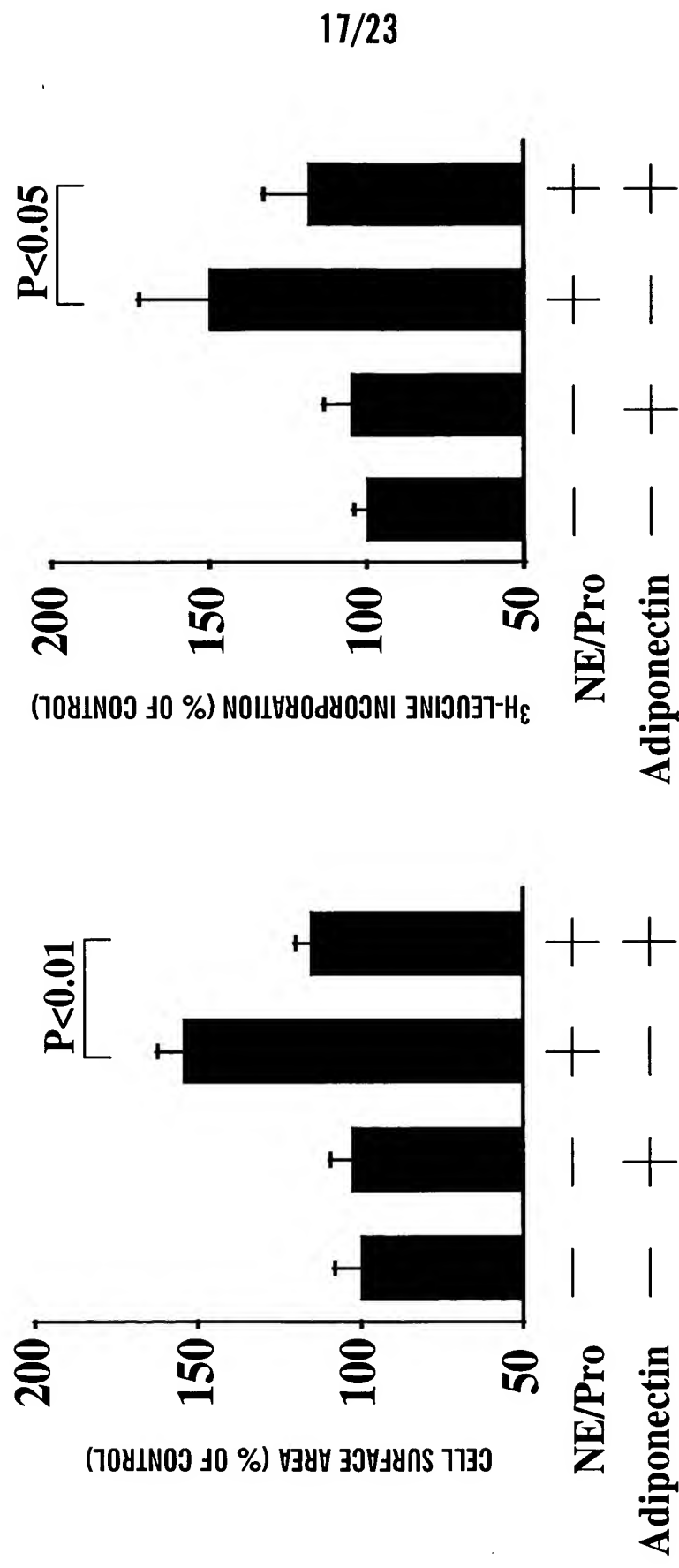
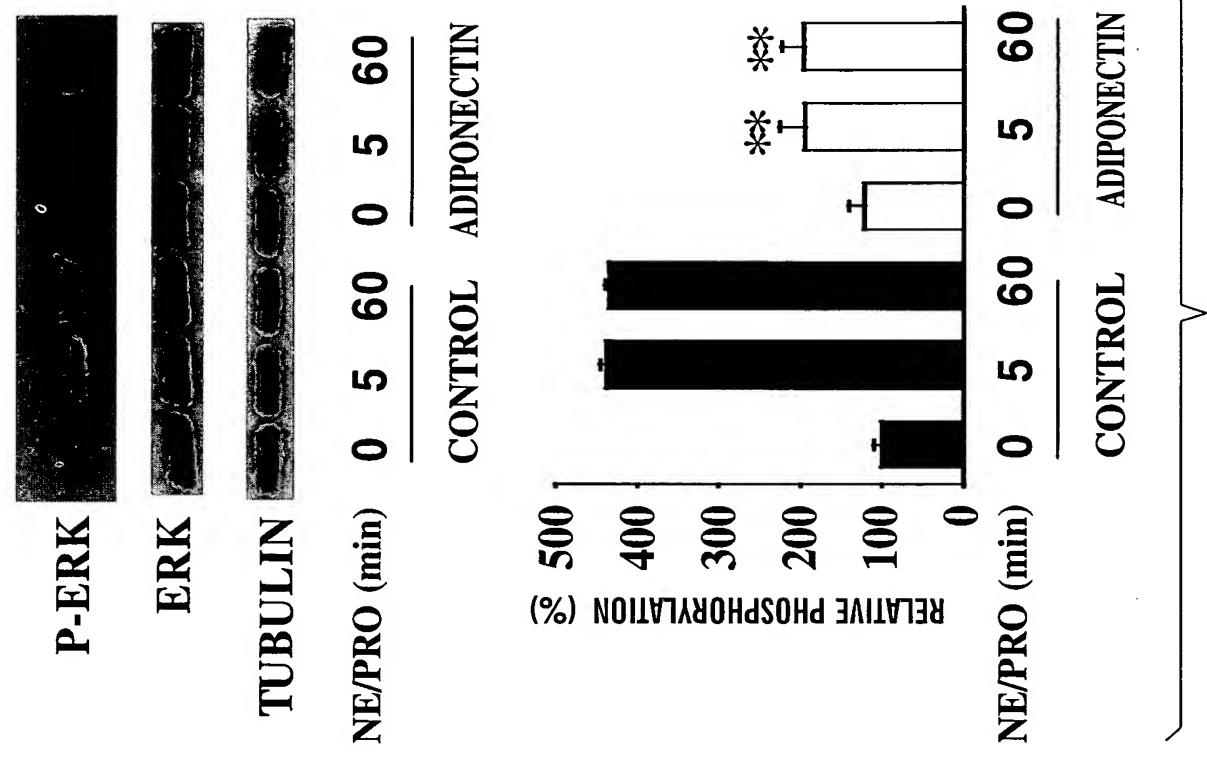
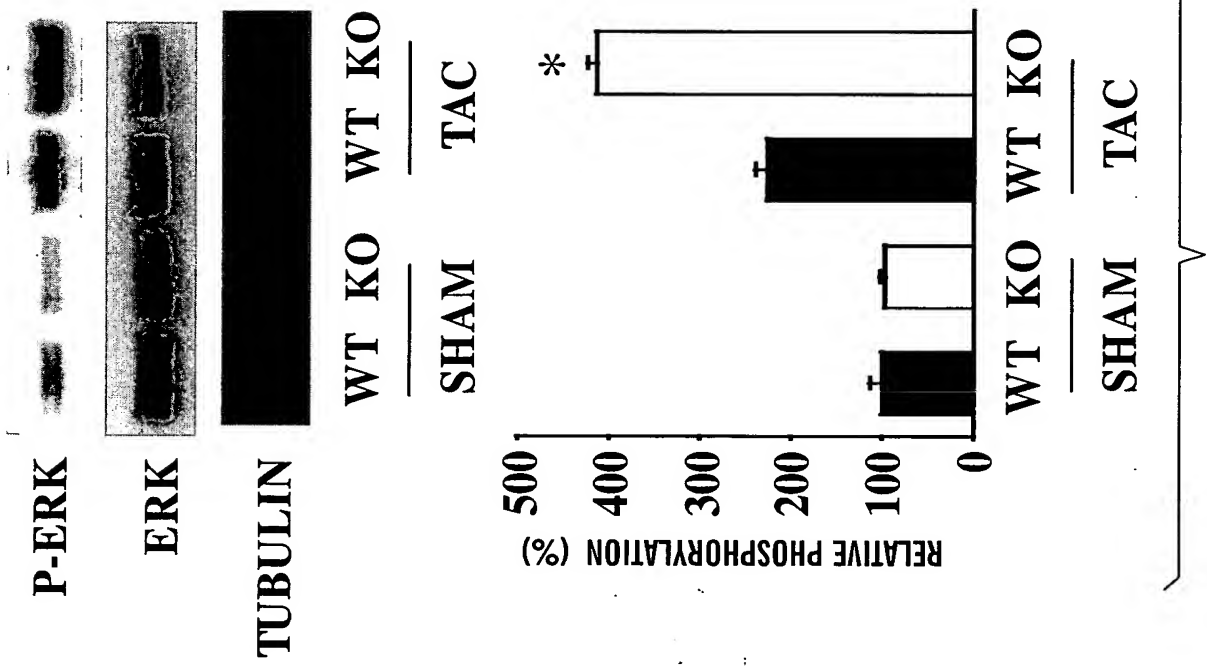
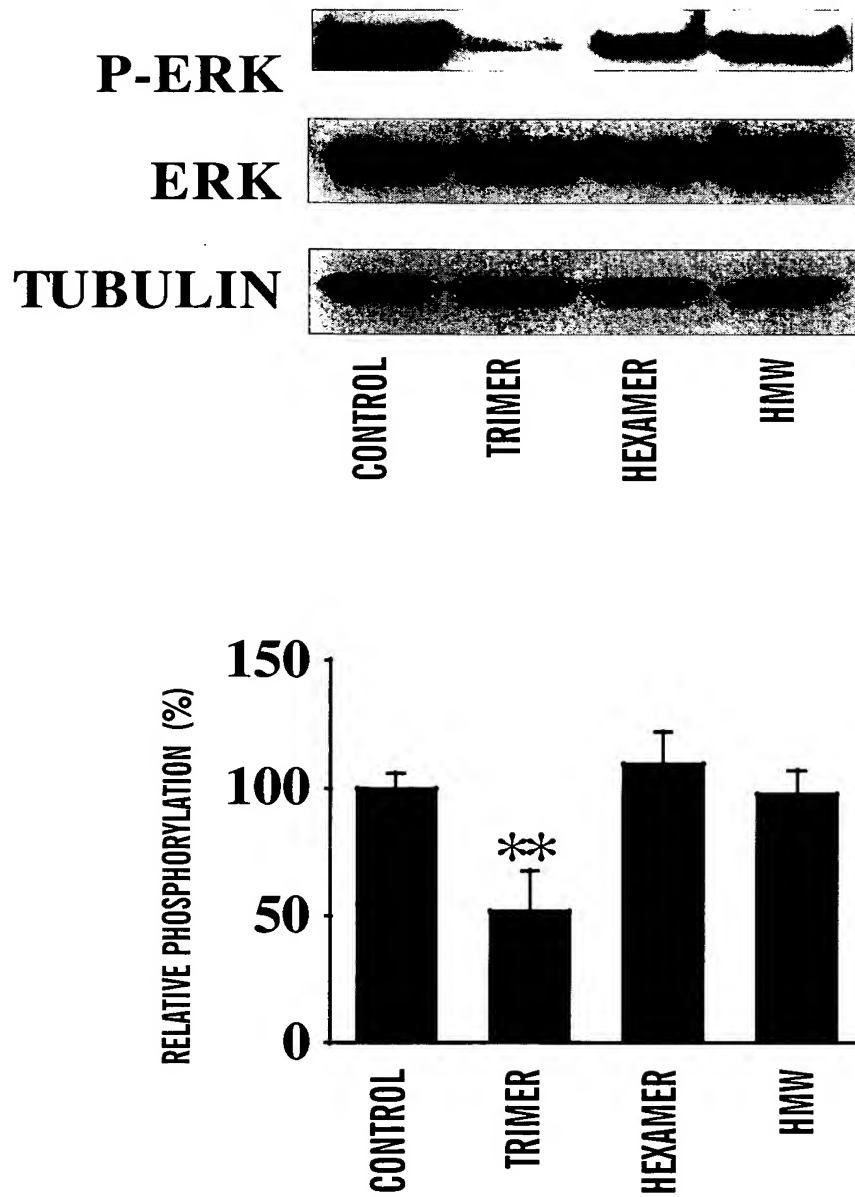
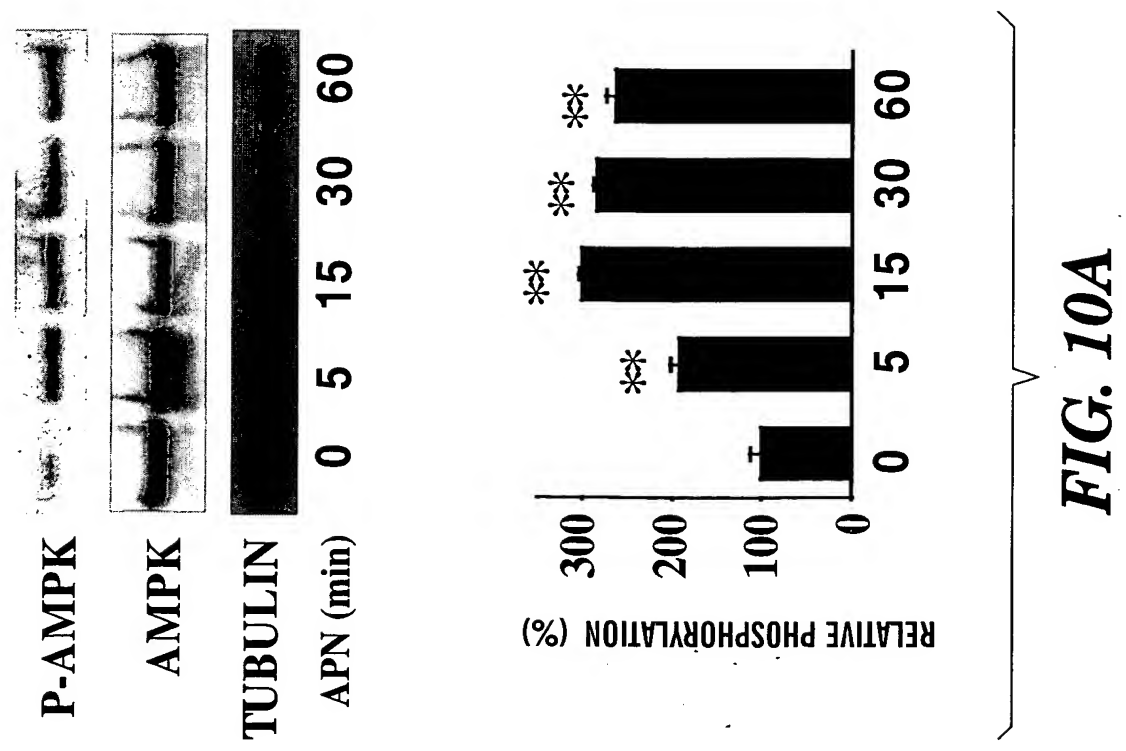
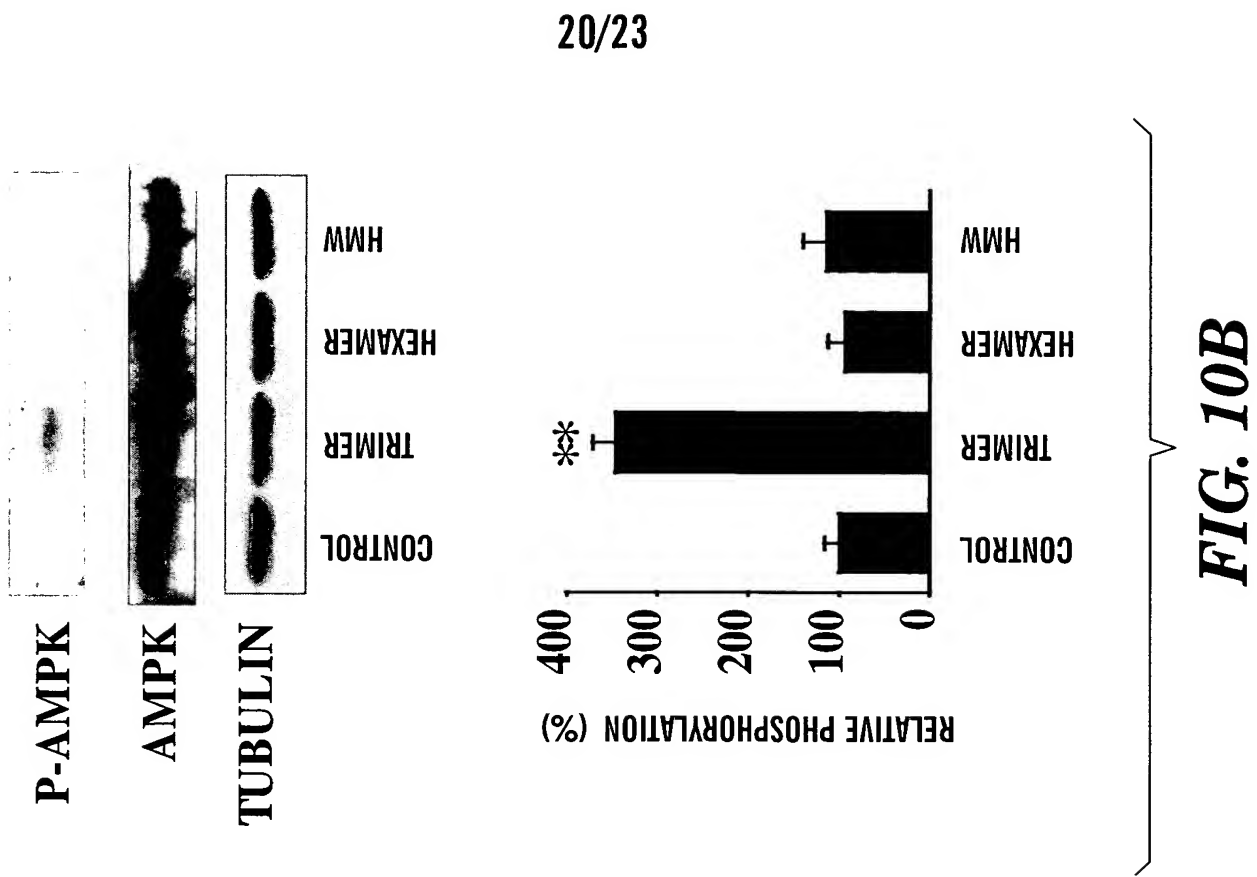
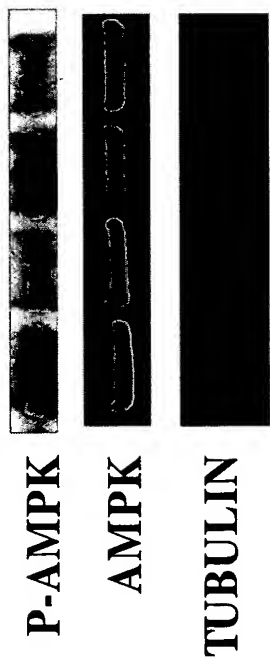


FIG. 9B



**FIG. 9E**





WT KO WT KO
SHAM TAC

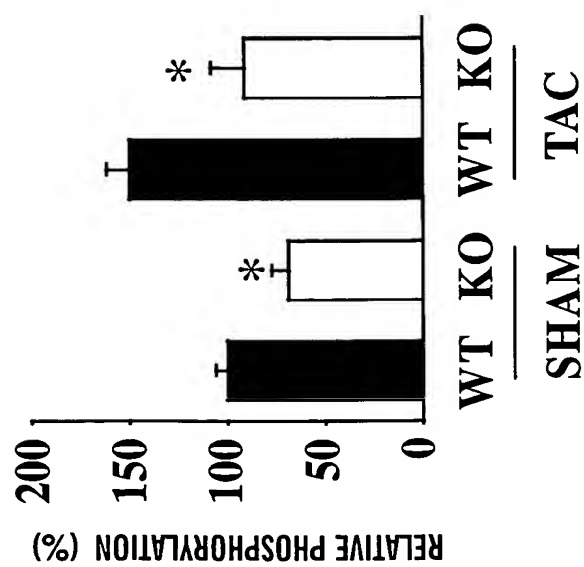
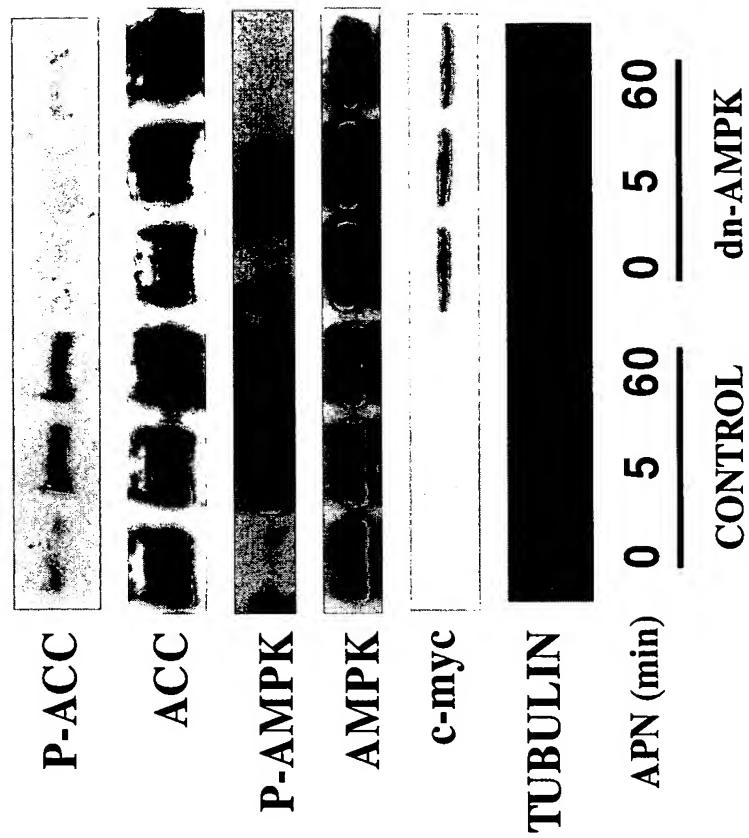


FIG. 10C



APN (min) 0 5 60 0 5 60
CONTROL dn-AMPK

FIG. 10D

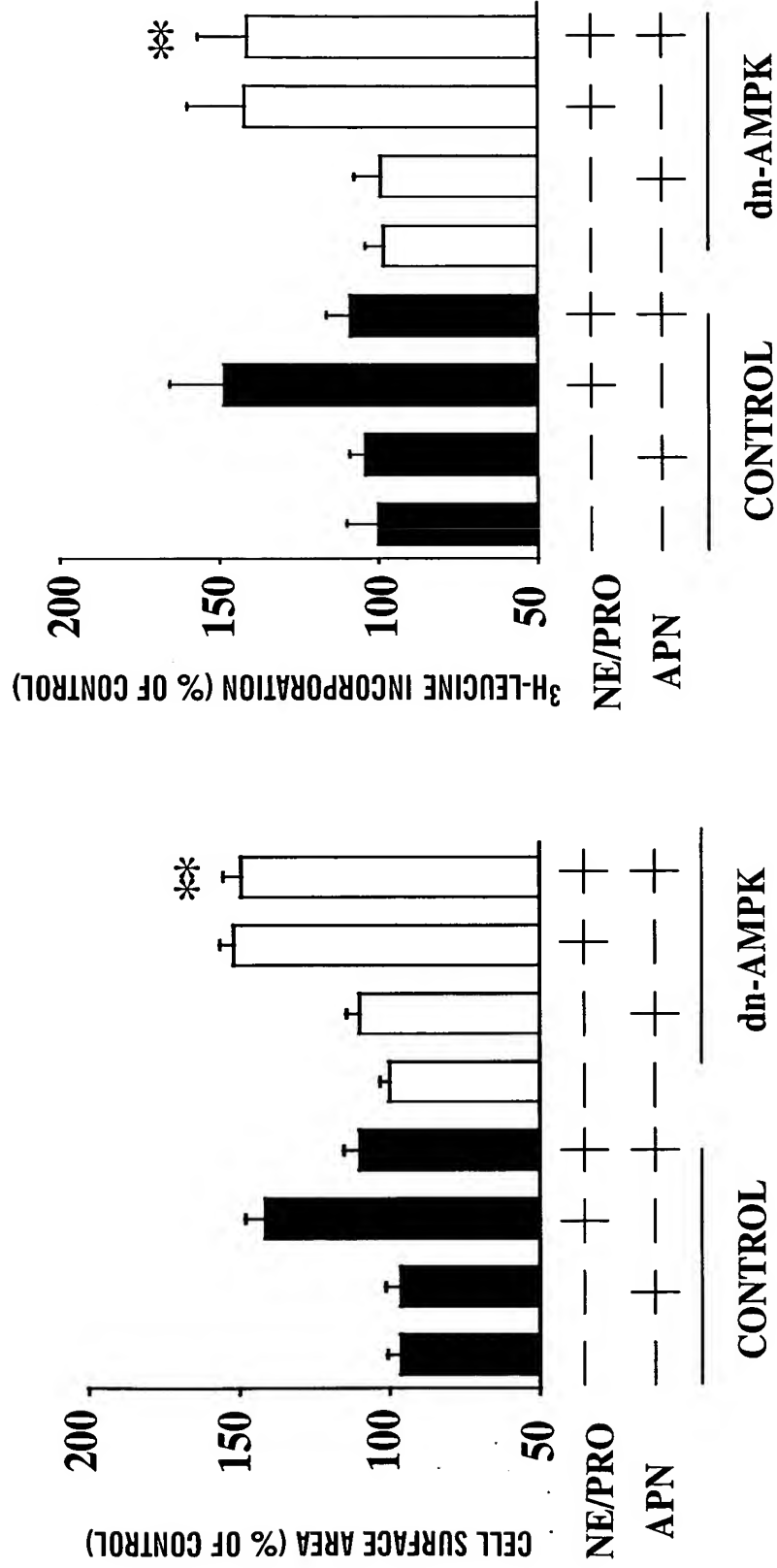


FIG. 10E

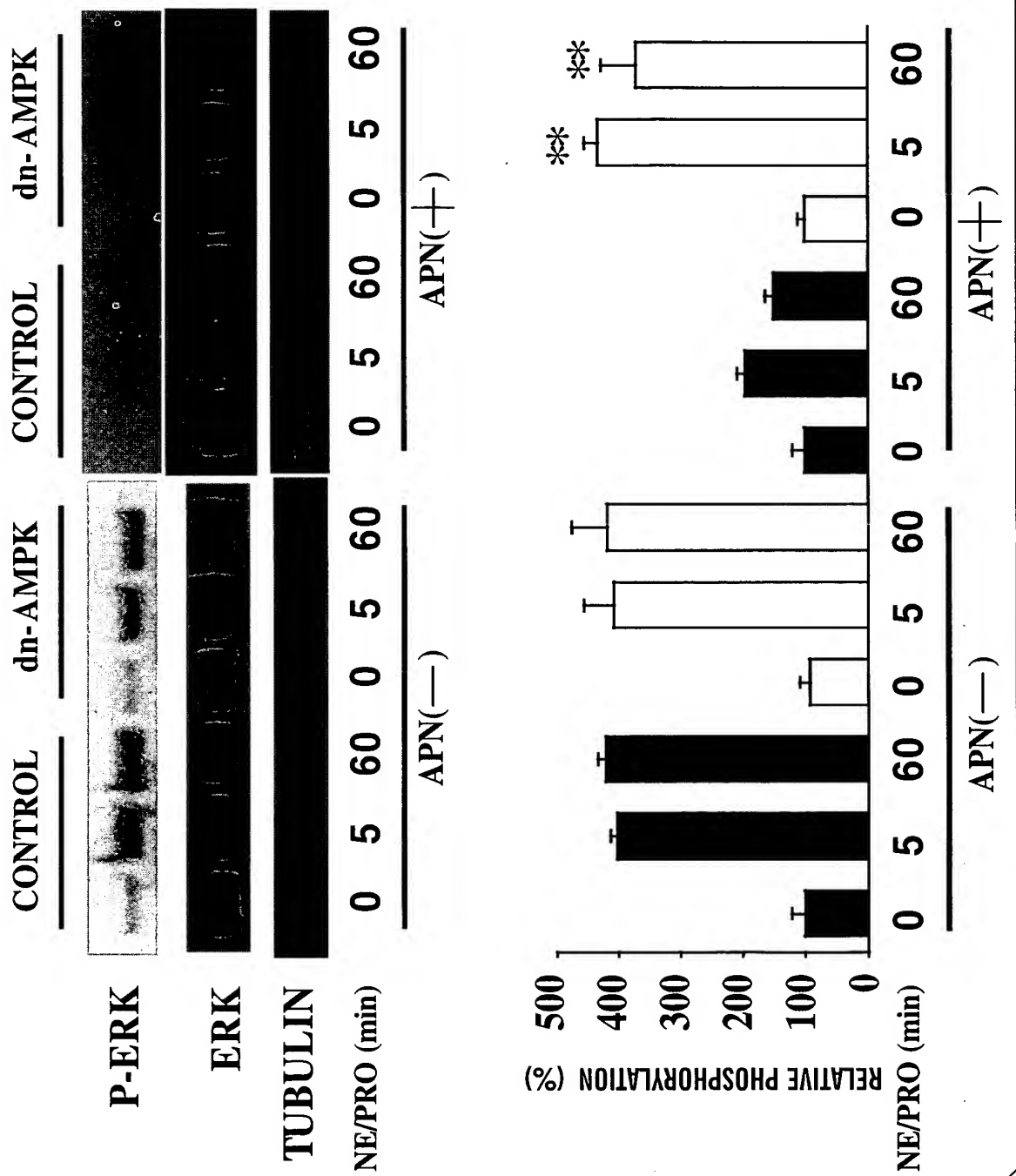


FIG. 10F

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